



Mathematics

Professional Development

Fall 2015

Courses subject to cancel due to low enrollment

September 2015

<u>Webinar: Geometry in Middle School, Grades 6-8</u> (3:30-4:30)	9/21	Free
<u>Webinar: High School Progression Series – Part 1: Coherence</u> (3:00 – 4:00 p.m.)	9/22	Free
<u>Webinar: Addition & Subtraction Problem Types in K-2</u> (3:30 – 4:30 p.m.)	9/24	Free
<u>Webinar: Statistics in Middle School Grades 6-8</u> (3:30-4:30)	9/28	Free
<u>Standards Based Math Stations K-2</u>	9/28	\$45
<u>Webinar: High School Progression Series – Part 2: Graphs</u> (3:00 – 4:00 p.m.)	9/29	Free
<u>Problem Solving in 4-8: Implementing Math Tasks that Promote Reasoning and Problem Solving</u>	9/30	\$50

October 2015

<u>Webinar: Developing Fluency with Addition and Subtraction Facts K-2</u> (3:30 – 4:30 p.m.)	10/5	Free
<u>Writing in Math Grades K-5</u>	10/5	\$40
<u>Webinar: High School Progression Series – Part 3: Functions</u> (3:00 – 4:00 p.m.)	10/6	Free
<u>Implementing Rigorous Mathematics Tasks, Grades 9-12</u>	10/8	\$50
<u>Coaching Actions that Strengthen Mathematics Teaching and Learning for all Students</u> (Part 2 of 4) 8:00am-11:30am	10/9	incl
<u>Webinar: High School Progression Series – Part 4: Transformations</u> (3:00 – 4:00 p.m.)	10/13	Free
<u>Standards Based Math Stations 3-5</u>	10/14	\$20
<u>Webinar: Writing in Math Grades K-5</u> (3:30-4:30pm)	10/14	Free
<u>Webinar: Meaningful Homework in K-2</u> (3:30 – 4:30 p.m.)	10/19	Free
<u>Teaching and Learning Place Value in 1st – 3rd Grade</u>	10/26	\$20
<u>Webinar: Development of Fraction Sense in Grades 3-5</u> (3:30 – 4:30 p.m.)	10/26	Free
<u>Effective Discourse Guided by the Math and Science Practices in Grades 4-8</u>	10/27	\$50
<u>Effective Discourse Guided by the Math and Science Practices in High School</u>	10/29	\$50

November 2015

<u>Webinar: Fraction Equivalence and Comparisons</u> (3:30-4:30pm)	11/2	Free
<u>Engagement and Problem Solving in Geometry, Grades 9-12</u>	11/4	\$35
<u>Coaching Actions that Strengthen Mathematics Teaching and Learning for all Students</u> (Part 3 of 4) 8:00am-11:30am	11/6	incl
<u>Webinar: Teaching and Learning Subtraction in K-2</u> (3:30 – 4:30 p.m.)	11/9	Free
<u>Fluency with Multiplication</u>	11/9	\$40
<u>Webinar: Operations of Fractions grades 4-6</u> (3:30-4:30)	11/17	Free
<u>Webinar: Integrating Technology to Support Writing Mathematics, 7-12</u> (3:30-4:30)	11/17	Free
<u>Using Mathematical Tasks to Develop Conceptual Understanding of Number K-2</u>	11/16	\$20



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December 2015

Coaching Actions that Strengthen Mathematics Teaching and Learning for all Students (Part 4 of 4) 8:00am-11:30am	12/4	incl
Problem Solving & Critical Thinking in High School Algebra	12/3	\$40
Webinar: Daily Math Review in 1st-3rd Grade (3:30 – 4:30 p.m.)	12/8	Free
Webinar: Math Problem Solving: Multiplication and Division in grades 3-5	12/10	Free

All face-to-face workshops are 8:30 – 3:30 unless otherwise noted.

Audience Teachers, district professional development leaders, instructional coaches, regional representatives, content specialists.

For more information and registration <http://www.ade.az.gov/onlineregistration/calendar/RenderCalendar.asp>